SYABER, N.A.; TKACHUK, A.G.

Increase in the available power of K-100-90 turbines. Energ. i elektrotekh. prom. no.2:62-63 Ap-Je '63. (MIRA 16:7)

1. RU Donbassenergo. (Steam turbines)

SYABKIN, A.S.

USSR/Farm Animals - Honey-Bees.

Q-8

Abs Jour

: Ref Zhur - Biol., No 1, 1958, 2681

Author

: A.S. Syabkin

Inst Title

A Scientific Conference on the Diseases of Bees.

Orig Pub

: Pchelovodstvo, 1957, No 4, 50

Abstract

: A scientific conference was held in Leningrad, and 14 reports were read. V.I. Polteyev suggested a new method of control of nematosis by means of maintaining a low temperature in the bee cells in winter. It was determined that the causative agent of nosematosis developes rapidly in the intestinal tract of bees at a temperature of 30-31°, but does not progress at all at temperatures below 13° and over 37°. Wintering of bees in low temperatures (when there is no propagation) improves the health of the colonies.

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Card 1/1

Q USSR / Farm Animals. The Honoyboo. : Ref Zhur - Biologiya, No 2, 1959, No. 7407 Abs Jour : Syabro G Author : Moscow Academy of Agriculture imeni V. /K.7 Inst A. Timiryanev. : The Training of Bees on the Seed Plants of Title Red Clover and Utilizing an Auxiliary Odor : Sb. stud. nauchno-isslod. rabot. Mosk. s.-kh. Orig Pub akad. im. V. /K.7 A. Timiryazeva, 1958, vyp. 8, 344-349 : According to the author's observations, honey-bees comprised 88.8 percent of all insects Abstract visiting clover at the Byshevskiy rayon of the Kievskaya oblast!. On a field sown with rod clover which had an area of 139 hectares, bee training was executed with aromatized Card 1/2 75

SYABRO, P.I.; FIKHIY, A.K. (Dnepropetrovsk)

Further considerations on principal problems in chemotherapy.
Antibiotiki 6 no.1:84-87 Ja '61. (MIRA 14:5)

(CHEMOTHERAPY)

SYABBO, P.I.

Effect of polarization of some regions of the brain on the form of appropriate-induced voniting in dogs. Biul. eksp. biol. i med. 60 no.9:71-74 S '65. (MIRA 18:10)

1. Kafedra farmakologii (zav. - prof. 6.Ye. Batrak) Dnepropetrovakogo mediteinskogo instituta i kafedra farmakologii (zav. - prof. A.V. Val'dman) I beningradskogo mediteinskogo instituta imeni Pavlova.

SYABRO, F.J.

Measuring of the conditioned response activity in dogs under the affect of emetic and entiemetic drugs. Zhur. vys. nerv. delat. 14 no.5:813-819 S=0 '64. (MIRA 17:12)

1. Chair of Pharmacology, Medical Institute, Dnepropetrovsk.

SCTB DD/GD ւ 088կ8-67 EWT(1) ACC NR. A'10036670 SOURCE CODE: UR/0000/66/000/000/0360/0361 AUTHOR: Syabro, P. ORG: none TITLE: Effect of compound anti-motion-sickness preparations on reflex activity Paper presented at the Conference on Problems of Space Medicine held in Moscow From 24-27 May 1966/ SOURCE: Konferentsiya po probleman kosmicheskoy meditsiny, 1966. kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 360-361 TOPIC TAGS: motion sickness, preventative medicine, diagnostic medicine, acceleration biologic effect, electroencephalogram, conditioned reflex The most effective prophylaxis against motion sickness on aircraft is ABSTRACT! the use of combined preparations which influence various reflex links participating in the motion sickness syndrome. The following complex preparations were studied: "Platybrin -- consisting of the cholinolytic, platyphilline (0.005 g); a stimulator, caffeine sodium benzoate (0. 15 g); and an agent intensifying inhibitory processes, sodium bromide (0. 15 g). "Plavefin" -- consisting of platyphilline (0. 005 g); Card

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ACC NR. 1.6036670

ditioned reflex and the duration of reflexes was virtually unaltered.

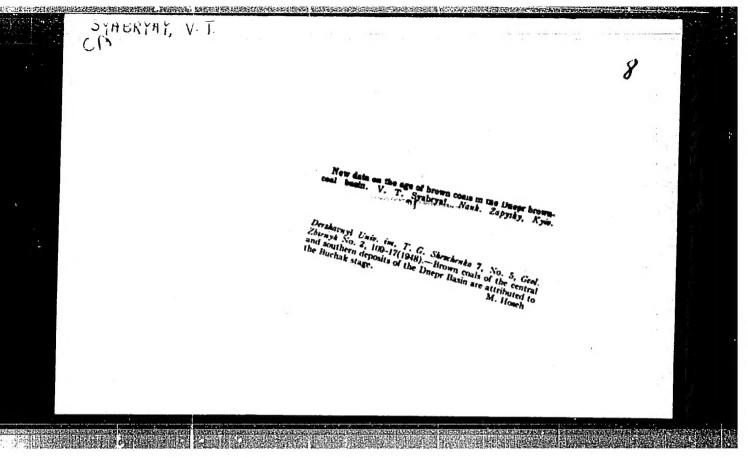
In dogs with electrodes implanted in the medulla oblongata, visual thalamus, and brain cortex, the preparations did not result in substantial shifts in the electrical activity in these structures or in the heart.

Plavefin did not cause statistically reliable shifts in the activity of cholinesterase, acetylcholine or catecholamine content of the blood.

Thus, the complex preparations which prevent motion sickness do not lower the reflex activity of the organism or alter the content of acetylcholine, catecholamines, or cholinesterase in the blood. Since these preparations have been effective in preventing motion sickness and do not lower reflex activity, they can be recommended both for passengers and certain flight service personnel. (W. A. No. 22; ATD Report 66-1167

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3



SYABRYAY, V. T.

Syabryay, V. T. "Progress in the area of study on lignite deposits in the Ukrainian SSR during the 30 years of Soviet rule," Geol. zhurnal, Vol. IX, Issue 3, 1948, p. 70-75 - In the Ukrainian language - Resume in Russian

SO: U-3264, 10 April 1953 (Letopis 'Zhurnal 'nykh Statey, no. 3, 1949)

SYABRYAY, V.T.: BARANOVA, N.M.; PADALKO, I.O.

On the genesis of Buchakian stage sandstones found between Carboniferous strata. Dop.AN URSR no.6:568-574 155. (MIRA 9:7)

1. Institut geologichnikh nauk AN URSR. Predstaviv diysniy chlen AN URSR

(Dnieper Lowland -- Geology, Stratigraphic)

SYADRYAY Visdimit Terent verich; ISHCHENKO, A.M., kand.geol.-mineral.nauk, otv.red.; ZAVIRIOMIMA, V.N., red.izd-va; YURCHISHIN, V.I., tekhn.red.

[Origin of Dnieper Basin lignites] Generis burykh uglei Dneprovskogo basseina. Kiev, Izd-vo Akad. nauk Ukr. SSR, 1958. 76 p. (Akademia nauk URSR, klev. Instytut geologichnych nuuk. Trudy. Seriia geologii mestorozhdenii poleznykh iskopaemykh, no.l)

(Dnieper Basin-Coal geology) (Lignite)

ISHCHENKO, Anton Markovich; SYABRYAY, V.T., doktor geol.-minera.nauk, ovt.red.; POKROVSKAYA, Z.S., red.izd-va; SIVACHENKO, E.K., tekhn.red.

[Spore-pollen analysis of lower Carboniferous sediments of the Dnieper-Donets Lowland] Sporovo-pyl'tsevoi analiz nizhnekamennougol'-mykh otlozhenii Dneprovsko-Donetskoi vpadiny. Kiev. Izd-vo. Akad. nauk Ukr. SSR. 1958. 186 p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy no.17)

(Dnieper Lowland--Palynology)

(Donets Basin--Palynology)

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SYABRYAY, V.T. [Siabriai, V.T.], doktor geol.-mineral. nauk

Brown coals of the Dnieper Basin of the Ukrainian S.S.R.
Kompl. vyk. pal.-energ. res. Ukr. no.1:45-62 159.

1. Institut geologicheskikh nauk AN UkrSSR.

(Dnieper Basin-Lignite)

SYABRYAY, V.T. [Siabriai, V.T.]

Reply to V.V. Kyriukov's article "Concerning V.T. Siabriai's work "Genesis of brown coal in the Dnieper Basin". Geol. zhur. 19 no.4: 110-111 '59. (MIRA 13:1)

(Dnieper Basin--Lignite)

SYABRYAY, Vladimir Terent'yevich [Siabriai, V.T.], doktor geol.-mineral.
nauk; GOLOYTSIN, V.M. [Holovtsyn, V.M.], otv.red.; TUBOLEVA, M.Y.
[Tubolieva, M.V.], red.

[Chemical raw materials in the Ukraine] Khimichna syrovyna na Ukraini. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.5. no.21). (MIRA 14:3)

(Ukraine--Natural resources)

AYZENVERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.;

GOLYAK, L.M. [Holink, L.M.]; GORAK, S.V. [Horsk, S.V.];

DIDKOVSKIY, V.Ys. [Didkovs'kyi, V.IA.]; ZELINSKAYA, V.O.

[Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.];

KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ys. [Kraieva, IE.IA.];

KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO,

D.Ye.; MOLYAVKO, G.I. [Molisvko, H.I.]; MULIKA, A.M.; PASTERNAK,

S.I.; PERMYAKOV, V.V.; ROMODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.;

SOKOLOVSKIY, I.L.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.;

SHUL'GA, P.L. [Shul'ha, P.L.]; doktor geol.-mineral.nauk; YAMNICHENKO,

I.M. [IAmnychenko, I.M.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], skade
mik, otv.red.

[Atlas of paleogeographical maps of the Ukrainian and Moldavian S.S.R. with lithofacies elements. Scale 1:2,500,000] Atlas paleogeografichnykh kart Ukrains'koi i Moldavs'koi RSR z elementamy litofatsii. Masshtab 1:2,500,000. Sklely D.IE. Aizenverg i dr. Ze zehal'nym kerivnytstvom V.N.Bondarchuka. Kyiv. 1960. xvi p.. 78 col.maps. (MIRA 13:12)

1. Akademiya nauk USSR. Kiyev. Institut geologicheskikh nauk.
2. Institut geologicheskikh nauk AN USSR (for all. except Bondarchuk, Pasternak, Slavin). 3. Instytut geologii korysnykh kopalyn AN URSR (for Pasternak). 4. Moskovskiy gosudarstvennyy universitet im. Lomonosova (for Slavin).

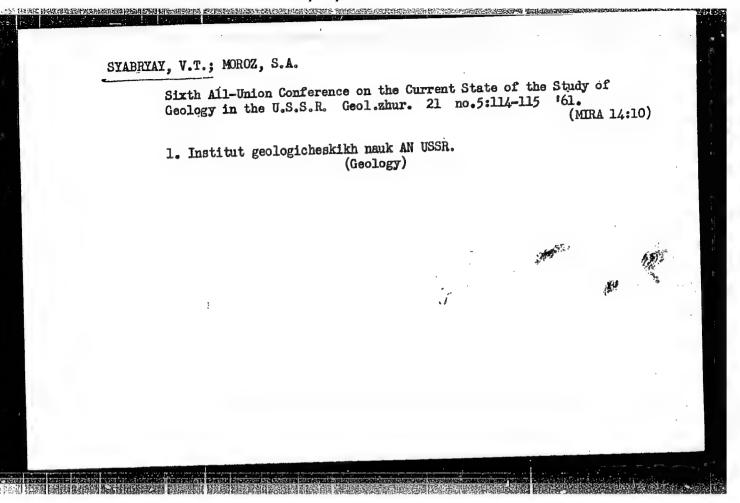
(Ukraine--Paleogeography--Maps) (Moldavia--Paleogeography--Haps)

SYABRYAY, V.T. [Siabriai, V.T.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.] Fifth All-Union Conference of the Commission on the study of Geology in the U.S.S.R. Geol.zhur. 21 no.3:113 '61.

(MIRA 14:7)

1. Institut geologicheskikh nauk AN USSR. (Geology-Congresses)

CIA-RDP86-00513R001654220009-2" APPROVED FOR RELEASE: 07/13/2001



SYABRYAY, V.T.; ROTMAN, R.N.; KIKTENKO, V.F.

New data on the coal potential of the Krivoy Rog brown coal region. Geol.zhur.22 no.1:87-91 '62. (MIRA 15:2)

1. Institut geologicheskikh nauk AN USSR.

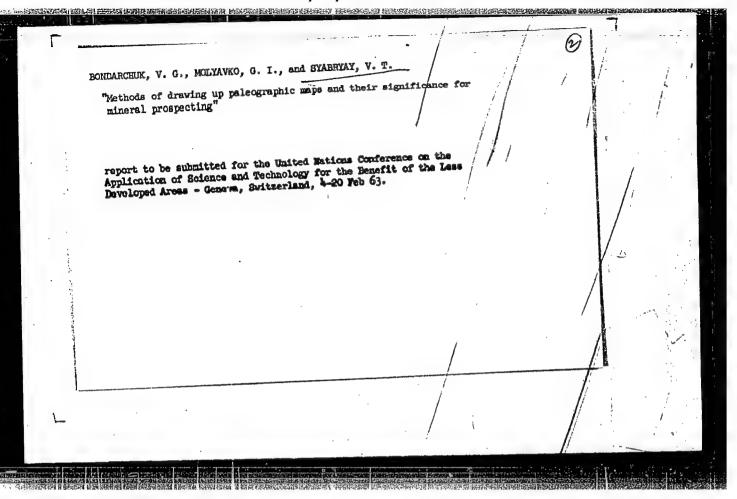
(Krivoy Rog Basin-Coal geology)

SYABRYAY, V.T.; ROTMAN, R.N.

Age of Tortiary brown coal in the Dnieper Basin. Biul.MOIP.Otd.
geol. 37 no.2:75-84 Mr-Ap *62. (MIRA 15:7)
(Dnieper Basin-Lignite) (Geological time)

SYABRYAY, Vladimir Terent'yevich [Siabriai, V.T.]; KLIMENKO, V.Ya., kand. geol.-min.nauk, otv.red.; ZAVIRYUKHINA, V.M., red.; BELETSKAYA, L.Yu. [Bilets'ka, L.IU.], tekhn.red.

[Characteristics of the distribution of brown coal formations in the Paleogene of the Dnieper Basin; prospects for the development of the Dnieper brown coal basin] Zakonomirnosti rozmishchennia burovuhil'nykh formatsii v paleogeni Dniprobasu; perspektvyv rozvytku Dneiprosv'koho h burovuhil'noo baseinu. Kyiv, Vyd-vo Akad.nauk Ukrains'koi RSR, 1962. 122 p. (Akademiia nauk URSR, Kiev, Instytut geologichnykh nauk. Trudy Seriia geologii rodovyshch Korysnykh Kopalyn. no.9). (MIRA 15:8)



BONDARCHUK, V.G.[Bordarchuk, V.H.], akademik, glav. red.; [NALRYAY], V.T., doktor geol.-miner. nauk, otv. red.; SHTUL'MAN, I.F., red.

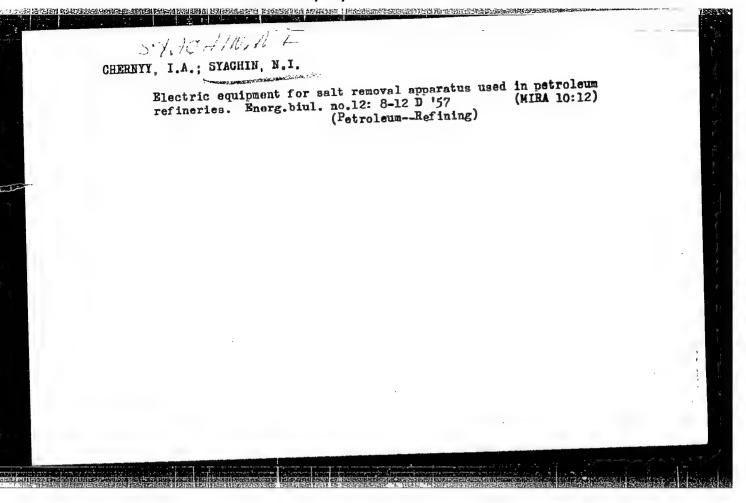
[Stratigraphy of the Ukrainina S.S.R. in eleven volumes] Stratigrafiia URSR v odinadtsati tomakh. Holovnyi red. V.H.Bondarchuk. Kyiv, Vyd-vo AN URSR, Vol.9. [Paleogene] Paleogen. 1963. 318 p. (MIRA 17:6)

1. Akademiya nauk Ukr.SSR (for Bondarchuk).

Fastening concrete blocks to dump truck bodies during transportation. Suggested by M.A. Siachin . Rats. predl. no. 37:9-10 '59.

(MIRA 14:1)

(Concrete blocks—Transportation)



SYAGAYEV, N.

"Lomonosov Lectures in 1956,' Vest. Mosk. U., Physico Math and Natural Sciences series, 4, No. 6, pp 147-160 Geology Faculty

Translation U-3,054,363

15-57-4-4062

Referativnyy zhurnal, Geologiya, 1957, Nr 4, Translation from:

pp 3-4 (USSR)

AUTHOR:

Syagayev. N.

TITLE:

The Lomonosov Lectures (1956) at the Department of Geology, University of Moscow Lomonosovskiye chteniya Na geologicheskom fakulitete (Mosk. Un-t)/

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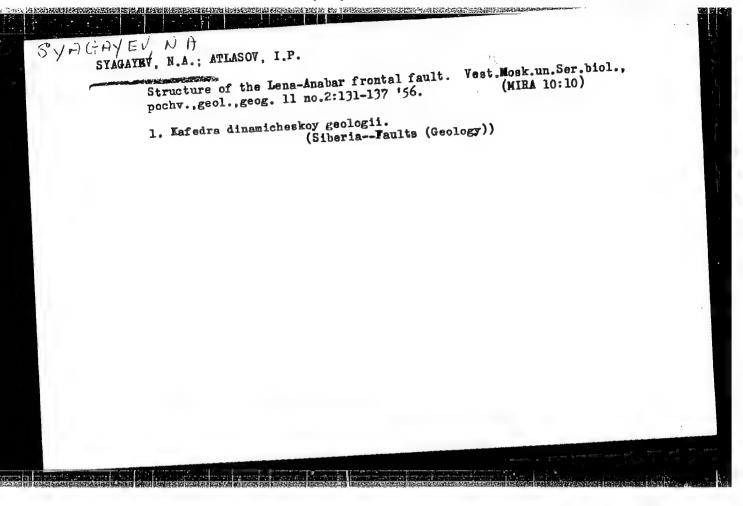
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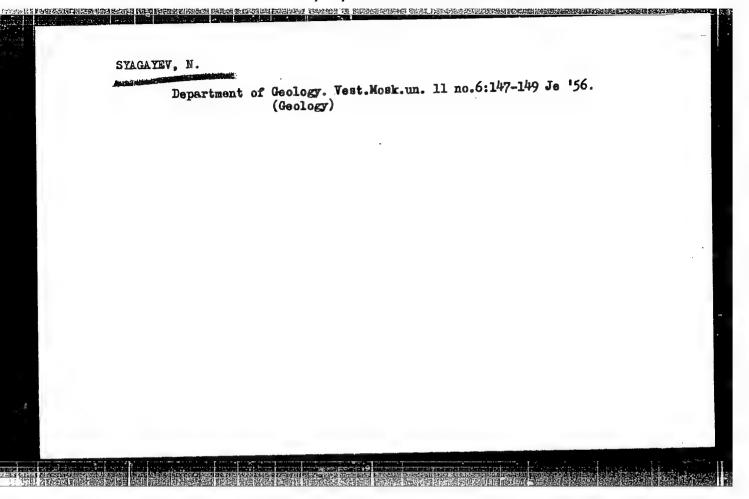
Vestn. Mosk. un-ta, 1956, Nr 6, pp 147-149

ABSTRACT:

The Lomonosov lectures of 1956 were devoted to questions involving theoretical principles of prospecting and of the classification of natural resources deposits; to questions about general regularities in the structure and development of the earth's crust; to theoretical questions of geochemistry, petrology, mineralogy, paleontology, stratigraphy, and regional geology; and to questions of engineering geology and theoretical and applied geophysics. G. I. D.

Card 1/1





ATIASOV, I.P.; SYAGLEV, N.A.

Tectonics of the northern part of the Verkhoyansk Range and the adjacent part of the Siberian Platform, Trudy Nauch, -issl. inst. geol. Arkt. 89:300-307 *56. (MIRA 11:1) (Verkhoyansk Range--Geology, Structural)

(Siberian Platform-Geology, Structural)

SYAGAYEV, N.A.

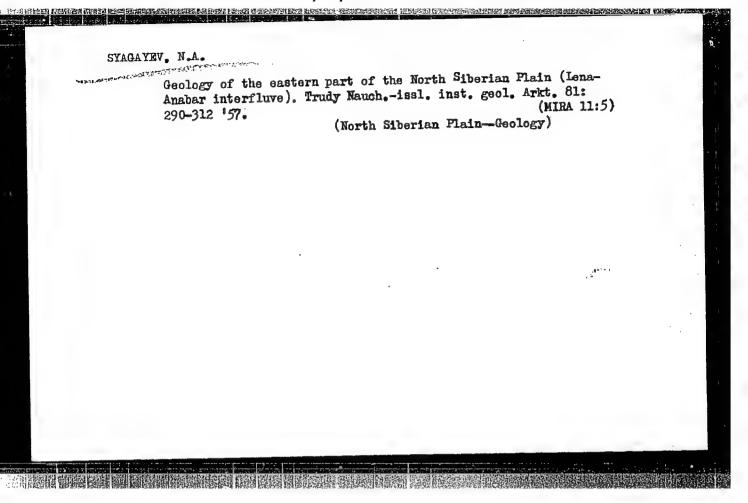
Recent tectonic movements in the Iena-Khatanga interfluve. Vest.

Mosk. un. Ser. biol., pochv., geol., geog. 12 no.4:125-131 *57.

(MIRA 11:5)

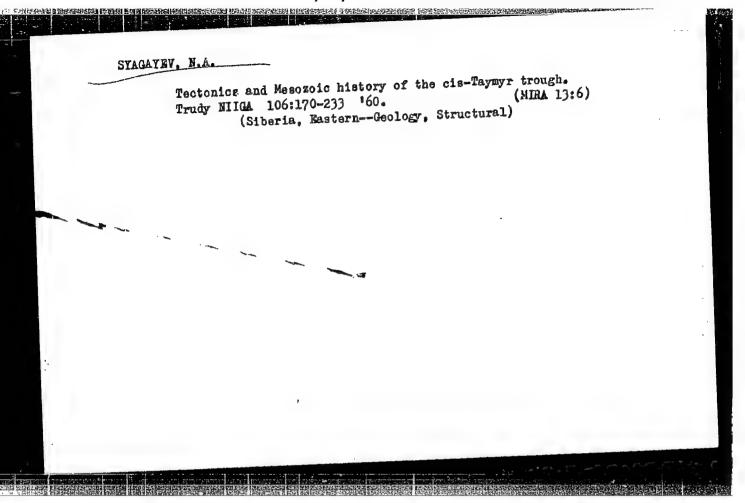
l. Kafedra dinamicheskoy geologii Moskovskogo gosudarstvennogo universiteta.

(Iena Valley-Geology, Structural) (Khatanga Valley-Geology, Structural)



SYAGAYEV, N.A.

1. Moskovskiy universitet, geologicheskiy fakul'tet, kafedra dinamicheskoy geologii. (Tayryr Lowland-Geology, Structural)



KUTEYNIKOV, Ye.S.; SYAGAYEV, N.A.

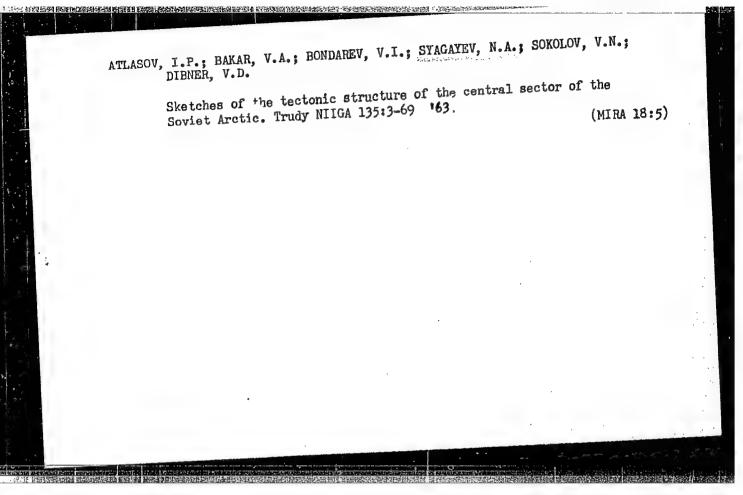
Tectonic pattern and the history of the development of the Kyutingde transverse trough. Trudy NIIGA 130:83-90 '62. (MIRA 16:5)

(Kyutingde Valley—Geology, Structural)

STACAYEV, Nikolay Andreyevich; GORSHKOV, G.P., prof., red.

[Comparative tectonics of Mesozoic troughs in the northern part of Central Siberia] Sravnitel'naia tektonika mezozoiskikh prgibov of Central'noy Sibiri. Red. Gorshkov G.P. Moskva, Izd-vo (MIRA 15,6)

Mosk. univ., 1962. 345 P. (Siberia—Geology, Structural)



ATLASOV, I.P.; SYAGAYEV, N.A.

Structure of the conjugated zone in the northern part of the Siberian Flatform with its marginal fold systems. Trudy VSEGEI 97:31-40 *64. (MIRA 17:8)

SYAGAYEV, N.A.

Zones of possible oil and gas potential in the Khatanga Basin.

Neftegaz. geol. i geofiz. no.10:17-21 164 (MIRA 18:1)

1. Moskovskiy gosudarstvennyy universitet.

YAKUSHOVA, A.F.; SYAGAYEV, N.A.; CHISTYAKOV, A.A.; KONDAKOVA, L.P.;
PILATOV, O.M.; ULITSKIY, Yu.A.; SYREEV, I.P.

Main characteristics of the geomorphology and recent testonics in the Volga-Don territory. Trudy NILneftegaza no.13:171-186 (MIRA 18:9)

AFFTC/ASD EFR/EPA(b)/ENT(1)/EDS 8/0208/63/003/004/0742/0754 L-13598-63 AP3004961 ACCEISION NR: AUTHOR: Syazayev. V. F. (Moscow) TITIL: Method of numerical solution of the problem of supersonic flow around SOURCE: Zhurnal vy*chisl. matematiki i matematich. fiziki, v. 5, no. 4, 1965, TOPIC TAGS: supersonic flow, ideal gas, numerical solution, Cauchy problem, inverse problem, boundary-value problem ABSTRACT: A method of numerical solutions to the problem of supersonic flow of an ideal gas around comes is outlined, and certain developments of a boundaryvalue problem are analyzed. The method requires the solution of 1) a Cauchy problem by successive approximations until the boundary conditions are satisfied and 2) an inverse problem of the shock-wave shape. Exemples of flow around circular and elliptic cones at Mach numbers 3.5 to 20 are presented. The results are compared with those obtained experimentally and by other methods and are found to be in good egreement. It is stated that the method can be applied

L 13598-63

ACCESSION NR: AP3004961

2

to the problem of flow around blunt bodies. In the case of conical flow at very large angles of attack the calculation presents certain difficulties, owing to the characteristic behavior of the entropy function and the formation of transverse supersonic flow regions which necessitate the introduction of additional discontinuity surfaces. "The author takes the opportunity to express his thanks to P. I. Chushkin and Y. V. Shchennikov for a number of valuable remarks." Orig. art. has: 8 figures and 5 formulas.

ASSOCIATION: none

SUBMITTED: 07Ju162

DATE ACQ: 3CAUR63

ENCL: 00

SUB CODE: AI

NO REF SOV: 004

OTHER: 003

Card 2/2

2

L 23963-66 EWT(ACC NR: AP60108 AUTHOR: Makhin,	d)/EWT(1)/EWP(m)/EWA(d)/EWA(1) IJP(c) WW SOURCE CODE: UR/0421/66/000/ N. A. (Moscow); Syagayev, V. F. (Moscow)	001/0140/0142 67 B
TITLE: On the rangle of attack SOURCE: AN SSS TOPIC TAGS: surflow, Automore ABSTRACT: This sonic flows pass noy matematiking gestions for exing the density A system of equals in \$\phi\$ and \$\phi\$ surface under past an ellipt 1) entropy for \$\phi\$ = constant.	numerical solution of supersonic flows past conical because in the supersonic aerodynamics, conic flow, shock wave, entropied for solving the standard bodies developed by one of the authors (Zhisti matematicheskoy fiziki, v. 3, no. 3, 1963) and contain the method by selecting new coordinates & and pressure as unknown variables instead of the entropied process of the success of the shock wave and pressure as unknown variables instead of the entropied process of the shock wave are the success of the shock wave are the should be successed in graphs, such as water than the shock wave are the show that certain difficulties arise in the show that the show th	y, hypersonic problem of super- urnal Vychislitel. ntains some sug- d \$\phi\$ and consider- tropy function s. n-heat-conducting vave to the body cions of the flow ariation of the:
Card 1/2		

ACC NR: AP601		The state of the s						
tic cones and the body substacelliptic cones it possible to and on elliptic	by the same	procedure a	nd using	mputations the simples	of flow t integrated	vs past c gration m	ircular and ethod made	1
and on elliptic boundary condit	cones corre	ect tolonly a	$\Delta v_n = 0.0$ orig.	1. This is art. has:	explai 4 figu	ned by mo	ore complex formulas.	
SUB CUDE: 20/	SUBM DATE:	1.7Mar65/ (RIG REF:	002/ om	REF:	001/ ATI		
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rd 2/2 W								

RAYKHMAN, Ye., liteyshchik, udarnik kommunisticheskogo truda; GARCHENKO,; ZINGER, M.; SYAGAYLO, I.; BUZYLEV, I.

Crowded and unhappy. Okhr.truda i sots.strakh. 4 no.7:30-32 Jl (MIRA 14:7)

1. Tekhnicheskiy inspektor Dnepropetrovskogo oblsovprofa (for Garchenko). 2. Pomoshchnik glavnogo inzhenera Dnepropetrovskogo tramvayno-trolleybusnogo upravleniya po tekhnike bezopasnosti (for Zinger). 3. Sotrudnik imogotirazhnoy gazety "Elektrotransporthik" (for Syagaylo). 4. Spetsial nyy korrespondent zhurnala "Okhrana truda i sotsial noye strakhovaniye" (for Buzylev).

(Dnepropetrovsk—City traffic)

KOVSH, 0.; KOPTELOVA, M.; S*YAKSTE, I.; SHTOFER, G.

Practice in clinical application of the anticoagulant "comefin" of the indandione group. Izv. AN Latv. SSR no.10:129-132 '62. (MIRA 16:1)

1. Institut organicheskogo sintexa AN Latviyskoy SSR. (ANTICOAGULANTS(MEDICINE)) (INDANDIONE)

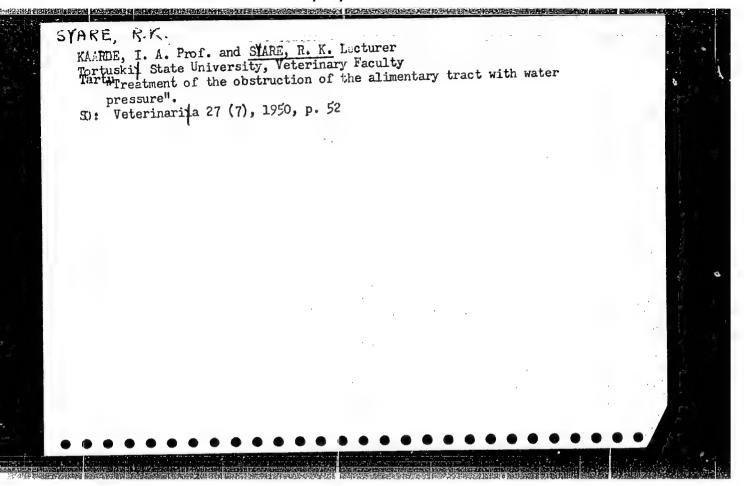
SYANYUK, T.V.

#ffect of changes in the functional state of the central nervous aystem on chronaxie in the neuronuscular apparatus. Vestsi AN aystem. no.1:85-88 '60. (MIRA 13:6) (CHRONAXIA)

YUDAYEV, N.A.; SYAO LI [Hsiao Li]

Phosphorylase activity in adrenal cortex zones and its change under the influence of adrenocorticotropic hormone. Vop. med. khim. 10 no.1:20-24 Ja-F '64. (MIRA 17:12)

1. Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.



SYARE, R.K. [Säre, R.K.], prof., doktor veterinarnykh nauk

Transplantation of small skin flaps on horses. Veterinariia 36 no.9:40-42 S '59. (MIRA 12:12)

1.Estonskaya sel'skokhozyaystvennaya akademiya. (Veterinary surgery) (Skin grafting)

SYARGAVA, V. A.

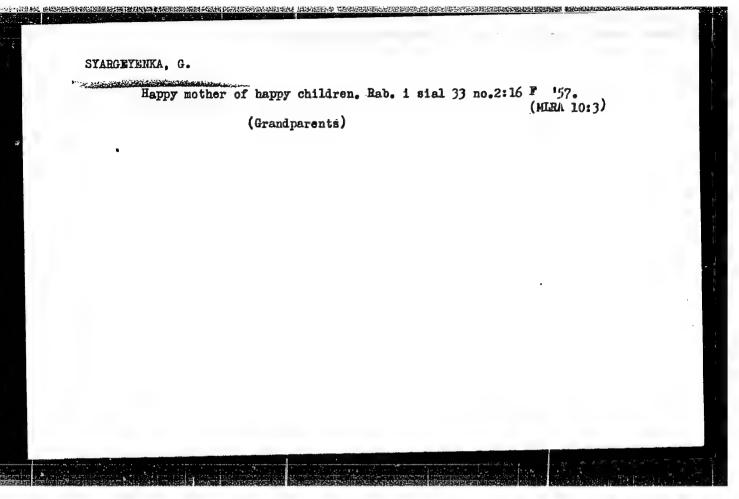
SYARGAVA, V. A.- "Audiometric Observation in Hearing Disturbances, Particularly with Deaf and Hard of Hearing." Min of Higher Education SSSR, Tartu State U, Tartu, 1955 (Dissertations for Degree of Candidate of Medical Sciences)

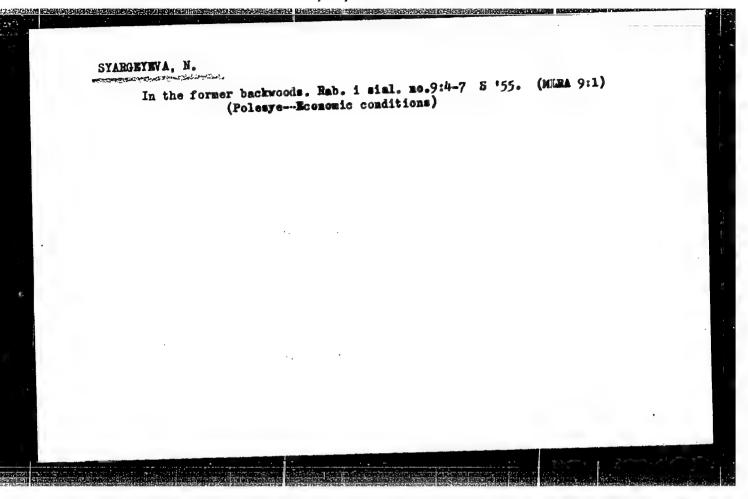
SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

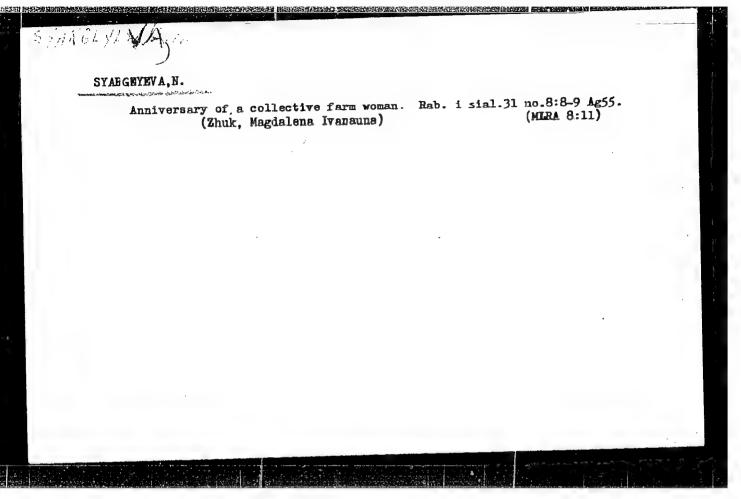
SYARGAVA, V.A., kend.med.nauk

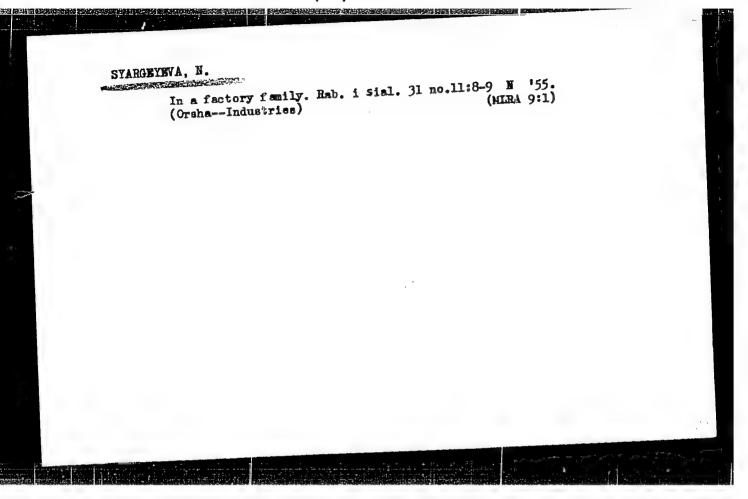
Phenomenon of transitory auditory perception [with summary in Minglish]. Vest.oto-rin. 19 no.5:90-92 S-0 '57. (MIRA 10:11)

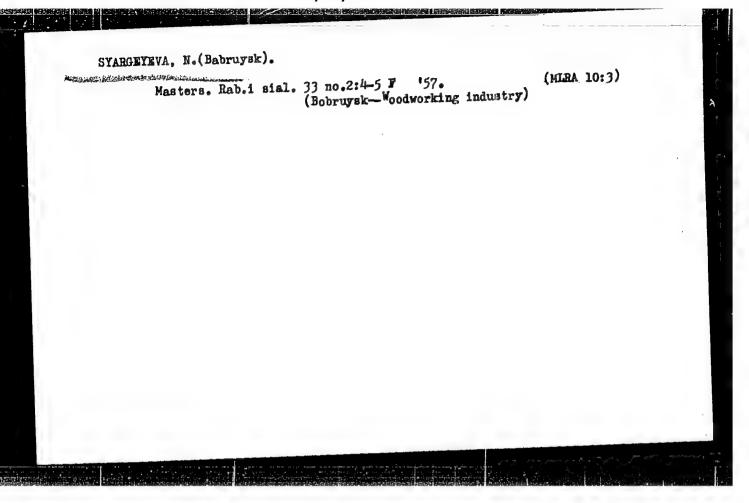
1. Iz kafedry bolezney ukha, gorls i nose (zev. - dotsent E.K. Siyrde) Tartuskogo universiteta. (HMARINO DISCRDERS transient auditory perception phenomenon in deafuess, audiometric determ.)











AUDREYEV, A.A.; ERYZGALOV, L.I.; SYAROSTINA, Z.I., red.

[Standard designs of high-capacity hydrolysis yeast plants] Tipovye proekty gidrolizno-drozhzhevykh zavodov bol'shoi moshchnosti. Moskva, 1963. 35 p. (MIRA 17:8)

1. Moscow. TSentral'nyy nauchno-issiedovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy po lesnoy, tsellyulozno-bunazhnoy, derevoobrabatyvayushchey promyshlennosti i lesnomu khozyaystvu.

Q-5

SYAROV, IORDAN

BULGARIA/Farm Animals - Swine.

Ref Zhur - Biol., No 1, 1958, 2608 Abs Jour

Iordan Syarov, Aleksandr Zheleyev Author

The Results of an Industrial Cross Breeding of Pigs. Inst Title

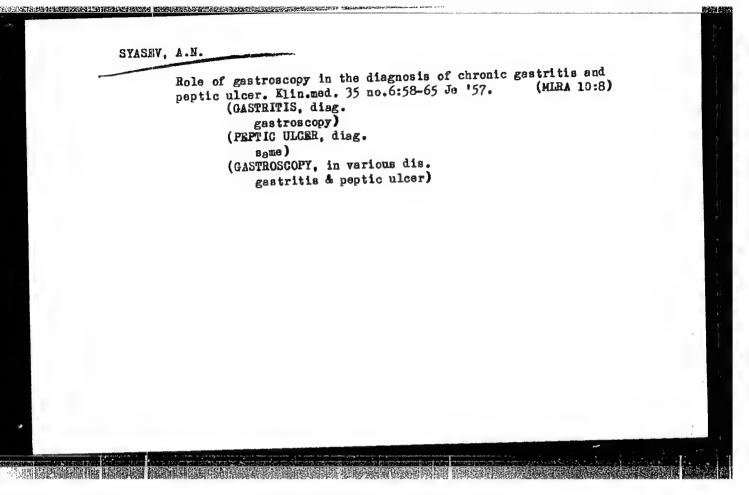
Kooperat. zemledeliye, 1957, No 4, 26-27 Orig Pub

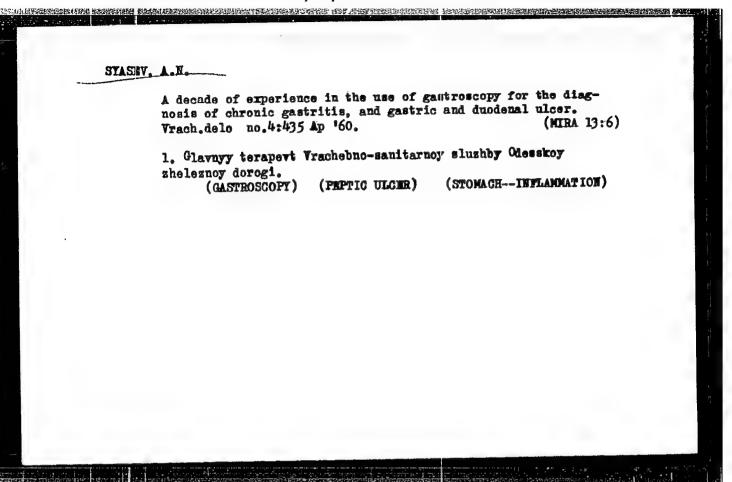
Describes the results of an industrial cross-breeding of Abstract

the Bulgarian Improved White pigs with the Black Cornwall. The pure-bred animals and the hybrids were raised in similar conditions until they attained a live weight of 150 kilograms. Each group consisted of six pigs. When the experiment was started, the average weight of the pure-bred pigs was 16.2 kilograms, and the weight of the hybrids was 16.3 kilograms. For the first two months of the experiment, the pigs were fed prescribed rations, later they were allowed to eat at will. The food for pigs of various groups

included the same amount of juicy foods, but the hybrids

Card 1/2





SYASIN, I., kapitan dal'nego plavaniya

Use of various rules for ship pilotage in ice. Mor.flot 22

no.4:14-15 Ap *62.

(MIRA 15:4)

1. Starshiy shturman teplokhoda "Yakan".
(Pilots and pilotage) (Sea ice)

SYASINA, G. N.

Syasina, G. N. - "Physiological and Soil-Agrochemical Principles of Applying Various Doses of Lime to Clover." Academ, of Agricultural Sciences imeniplying V. I. Lenin. All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science. Moscow, 1956 (Dissertation for the Degree of Candidate in Agricultural Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 116-127

The Distribution of Opisthorchosis Among the Fopulation of Tobol'sk", Med. PARAZ. I Paraz. Bolez., Vol.17, No. 2, pp 122-26, 1948.

KOZULIN, M. G.; SYATISHEV, A. P.

Electric slag welding of jaw crusher frames. Avtum. svar. 15 no.11:59-65 N '62.

1. Volzhskiy zavod oborudovaniya tsementnoy promyshlennosti i tyazhelogo mashinostroyeniya, Stavropol!.

(Grushing machinery—Welding)

KOZULIN, M.G.; SYATISHEV, A.P.

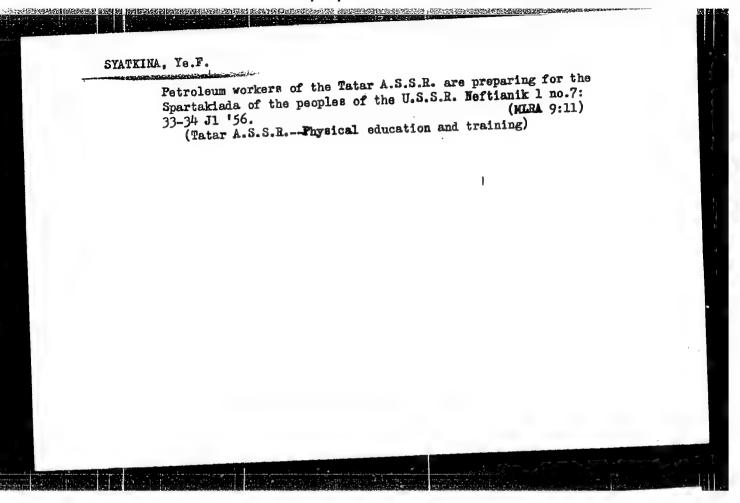
Electric slag welding of cast frames for jaw crushers. Avtom. svar. 18 no.5:46-48 My '65. (MIRA 18:6)

1. Tol'yattinskiy zavod "Volgotsemtyazhmash".

TORON CONTINUES AND THE PROPERTY OF THE PROPER L 35810-66 EWP(k)/EWT(d)/EWT(m)/T/EWP(1)/EWP(e)/EWP(w)/EWP(t)/ETI ACC NR: AP6015247 SOURCE CODE: UR/0125/66/000/005/0053/0053 WH/WW/JD/HM AUTHOR: Kozulin, M. G.; Systishev, A. P.; Fomin, V. V. 52 B ORG: [Kozulin, Systishev] Tol'yattinsk Volgotsemtyszhmash Heavy Cement Machinery Plant (Tol'yattinskiy zavod "Volgotsemtyazhmash"); [Fomin] Institute of Electric Welding im. Ya. O. Paton, AN UkrSSR (Institut elektrosvarki AN UkrSSR) Consumable-electrode electroslag welding of 400-mm thick KhiSNIOT stainless TITLE: steel SOURCE: Avtomaticheskaya svarka, no. 5, 1966, 53 TOPIC TAGS: stainless steel, power transformer, electroslag welding, welding electrode/Khl8N10T stainless steel, TShS power transformer ABSTRACT: Industrial techniques of welding of this kind, based on the use of A-645 welding machine powered by a TShS-3000-3 transformer, as performed at the Volgotsemtyszhmash Plant, are described. The consumable electrode was prepared in the form of three 5-mm thick plates of Khl8N10T sheet steel with four welded-on guide spirals of Sv-06Kh19N9T wire (diameter 3 mm). Inside diameter of the spiral: 5 mm. Outside diameter: 11 mm. On being thus assembled, this electrode was inserted in a holder. It was insulated from the work part by a fiberglass fabric. On both sides the joint was backed with wedge-reinforced water-cooled copper tacks. Recommended Card 1/3. 621.791.756:669.15-194:669.26'24 UDC:

SYATKINA, Ye.F. Winter tournament of athletes of the "Neftianik" Volunteer Sport Society. Neftianik 1 no.4:34-35 Ap '56. (MLRA 9:10)

1. Instruktor Dobrovol'nogo sportivnogo obshchestva "Neftyanik." (Sports)



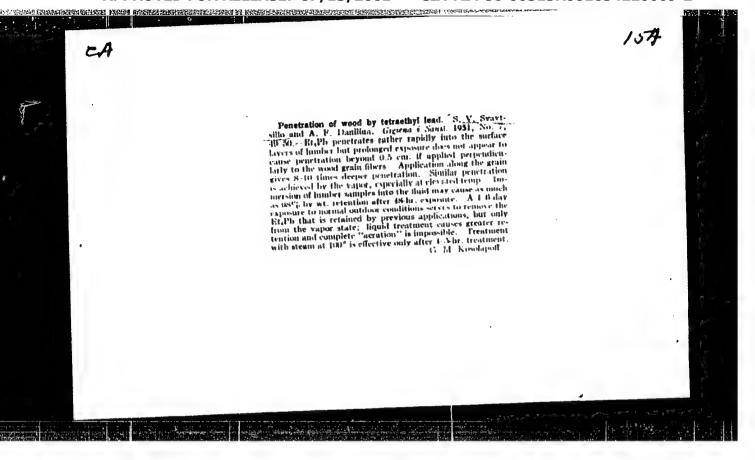
"Comparative Characteristics of Antiemetic Substances Under Experimental Conditions. " Cand Med Sei, Dnepropetrovsk State Medical Inst, Dnepropetrovsk, 1954. (KL, No 14, Apr 55)

30: Sum. No. 704, 2 Nov 55-Survey of Scientific and Technical Dissortations Defended at USSR Higher Educational Institutions (16).

	SYAVTSILLO, A. F.	232142	T in dichloroethane. The last-mentioned soln does not change with time and it does not affect the characteristics of the wood as does sulfuryl chloride. Attempts to remove ethyl fluid from chloride useless if the depth of contamination is more than 0.5 cm.	Ethyl fluid can be removed from wood if the depth of contamination is not more than 0.5 cm. Decontamination may be accomplished by treating the contaminated area with a 15% soln of sulfuryl chloride taminated area with a 15% soln of chlorine in dichloroethane, with a 5% soln of dichloroamine chloroethane, or with a 10% soln of dichloroamine chloroethane, or with a 10% soln of dichloroamine	USSR/Medicine - Toxicology "Decontamination of Wood Contaminated With Ethyl Fluid (Tetraethyl Lead)," S. V. Syavtsillo, A. F. "Cir i San" No 9, pp 24-26	
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- SYAVTSILLO, S. S.: DANILINA, A. F.
- U33R (600)
- Lead
- Purification of wood permeated with tetraethyl lead. Gig. i san. 17 no. 9 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.



SAVUSHKINA, V.I.; SYAVTSILLO, S.V.; TERENT'YEV, A.P.

Radiocarbon tracer rings used for studying toluene and benzene synthesis. Dokl. AN SSSR 102 no.6:1139-1142 Je'55.

(MIRA 8:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Terent'yev)

(Toluene) (Benzene) (Carbon--Isotopes)

CIA-RDP86-00513R001654220009-2 "APPROVED FOR RELEASE: 07/13/2001

SyAVTSILLO, S.V.

USSR/ Analytical Chemistry - Analysis of Organic Substances

G-3

Abs Jour

: Referat Zhur - Knimiya, No 4, 1957, 12209

Author

Syavtsillo S.V., Berezovskaya B.Ye., Grinkevich N.I.,

Title

: Determination of Small Amounts of Acids and Water in

Poly-Organosiloxane Compounds

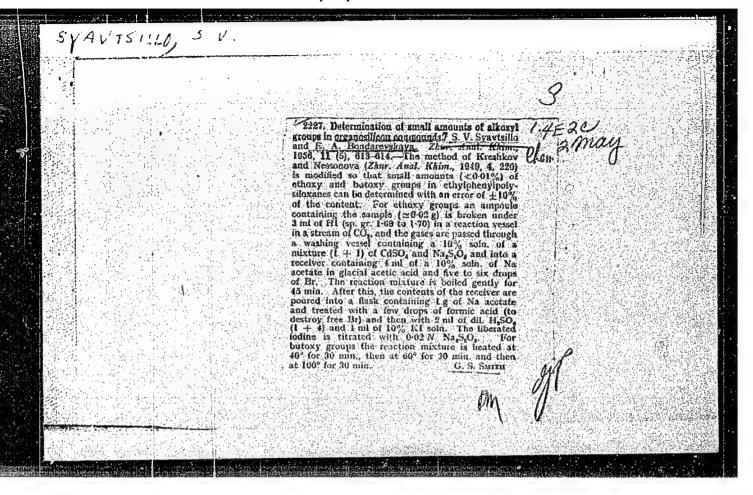
Orig Pub

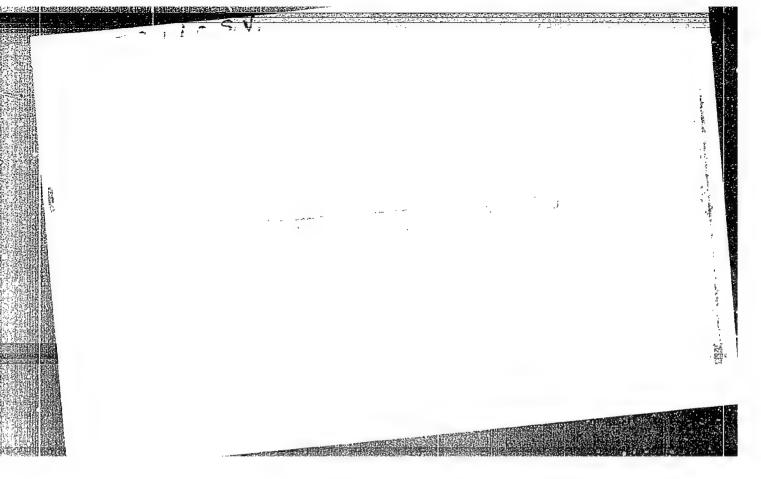
Zh. analit. khimii, 1956, 11, No 4, 463-465

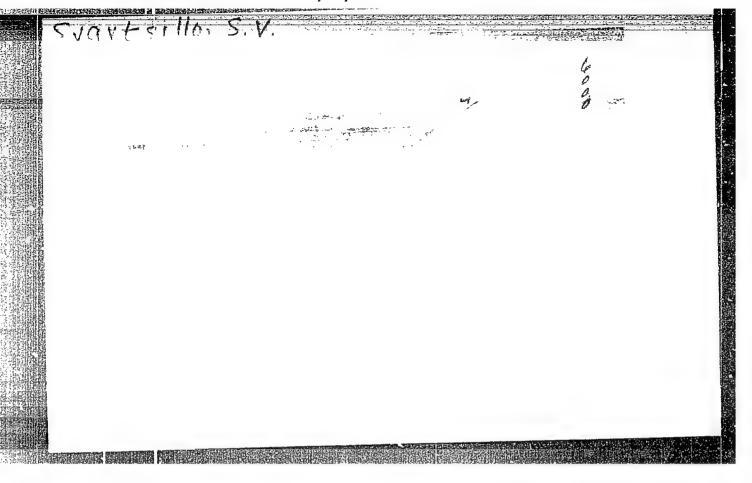
Abstract

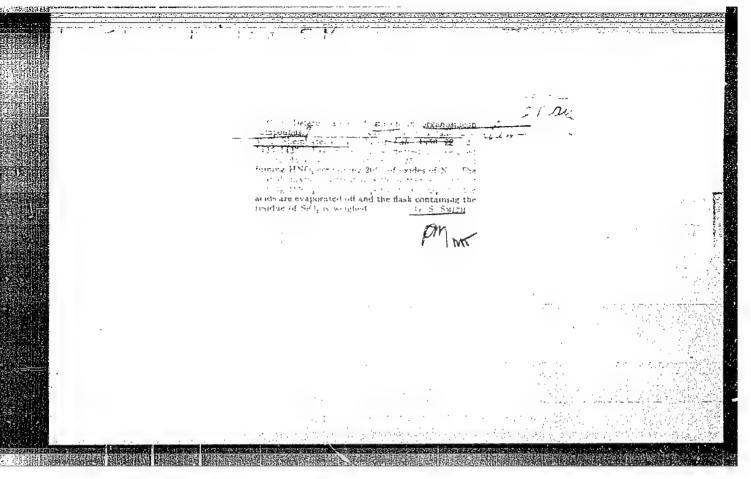
For determination of HCl and $\mathrm{H_2SO_{ll}}$ in poly-organosiloxane compounds a method has been developed that is based on determination of pH of aqueous extracts (AE) of the compounds being analyzed, while for the determination of H20 use is made of the method of moisture determination in petroleum products which is based on measurement of the volume of H2 that is evolved on reaction of H20 with CaH2. 20 g, first diluted to reduce A sample of the material its viscisity with n-heptane, at a ratio 1:1 (by volume) is extracted in a separatory funnel with twice-distilled

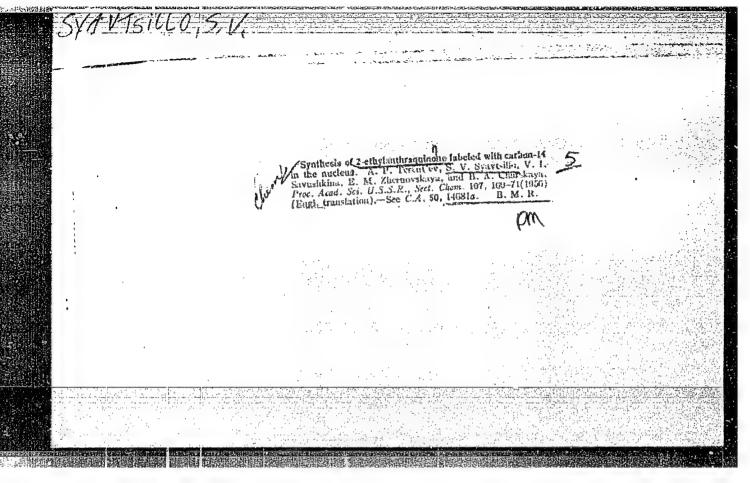
Card 1/3











TERRIT'YEV, A.P.; SYAVISILIO, S.V.; SAVUSHKINA, V.I.; ZHERMOVSKAYA, Ye.M.;
CHARSKAYA, B.S.

Synthesis of 2-ethylanthraquinone, labelled by C^{1/4} carbon in the nucleus. Dokl.AN SSSR 107 no.3:417-419 Mr '56. (MIRA 9:7)

1.Chlen-korrespondent AN SSSR (fer Terent'yov).

(Anthraquinone) (Carbon--Isotopes)

ENERGY SELECTION OF THE ENERGY SELECTION OF THE CONTROL OF THE PROPERTY OF THE SELECTION OF

AUTHORS:

Syavtsillo, S.V., Shemyatenkova, V.T., Neshumova, A.M.

32-3-13/52

TITLE:

The Analysis of Silicoorganic Compounds With Respect to Their

Chlorine Content (Analiz kremniyorganicheskikh soyedineniy na

soderzhaniye khlora)

PERIODICAL:

Zavodskava Laboratoriya, 1958, Vol. 24, Nr 3, pp. 287-289 (USSR)

ABSTRACT:

In the present work hydrolysis of the compounds to be investigated is carried out in a mixture of alcohol and water (1:1), after which the ion of chlorine is determined mercurymetrically by using a mixed indicator (methylene blue - diphenyl carbazone), which changes from blue to dark blue or violet at the end point. Separation by a solution of metallic sodium in liquid ammonia is described as the most simple method of determining halides. If the silicon compounds contain hydrogen it must be removed by boiling in a concentrated lye, whereupon neutralization is carried out with 0.5n nitric acid. Good results were obtained also when determining chlorine in alkyl- and arylchlorosilanes by the method developed by Volhard. Two processes of analysis are mentioned from which several possibilities of medifying the method of determination may be seen. From

Card 1/2

The Analysis of Silicoorganic Compounds With Respect to Their Chlorine Content

32-3-13/52

the results shown in tables it may be seen that the method works with sufficient accuracy. There are 3 tables, and 7 references, 5 of which are Slavic.

AVAILABLE:

Library of Congress

1. Silicoorganic compounds-Chlorine-Determination 2. Hydrolysis

Card 2/2

AUTHORS: Syavtsillo, S. V., Savushkina, V. I., SOV/79-28-7-8/64

Zhernovs! aya, Ye. II.

TITLE: The Synthesis of 2-Ethylanthrone and 2-Ethyl-10-0xanthrone

Radioactivated by C14 in the Ring, and the Investigation of Some of Its Properties (Sintez 2-etilantrona i 2-etil-10-oksantrona, mechannykh uglerodom C14 v yadre, i issledovaniye neko-

torykh ikh svoystv)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 7,

pp. 1752 - 1755 (USSR)

ABSTRACT: The authors synthetized the 2-ethylanthrone radioactivated

by ${\tt C}^{14}$ in the ring by means of the reduction of the 2-ethylanthraquinone also radioactivated by ${\tt C}^{14}$ (Ref 1). The reduction

was carried out analogous to that of anthrone (Ref 2).
2-ethylanthrone was obtained in pure state (melting point 62°);
it did not contain an enol form and it did not tautomerize on
long storing in solid form and in benzene solutions. Earlier
(Ref 3) the 2-ethylanthrone was obtained only in the mixture

with 2-ethylanthranol in the solution of 4-ethyl-diphenyl methane carboxylic acid in concentrated sulfuric acid. The

Card 1/3

The Synthesis of 2-Ethylanthrone and 2-Ethyl-10- SOV/79-28-7-8/64 Oxanthrone Radioactivated by C¹⁴ in the Ring, and the Investigation of Some of Its Properties

final product melted at 67-75°. The hitherto not described 2-ethyl-10-oxan throne (92-93°) was obtained from the 2-ethylanthrone radioactivated by C¹⁴ according to the synthesis method by Neyer (Ref 4)(Nayyer), i.e. by bromination of the 2-ethylanthrone with subsequent saponification of the obtained product with 2-ethyl-10-bromanthrone radioactivated by C¹⁴. In order to avoid the formation of oxidation products this bromination and the separation of the latter were carried out at low temperatures (-8 to -20°). Thus the radioactive 2-ethylanthrone (in a yield of 51%) radioactivated by C¹⁴ was forthe first time synthetized, as well as the acetate of the ethyl anthranol and the 2-ethyl-10-oxanthrone (59%) radioactivated the same way in the ring. The hydration and oxidation of the mentioned compounds were carried out. There are 6 references, 3 of which are Soviet.

SUBMITTED: Card 2/3 May 18, 1957

The Synthesis of 2-Ethylanthrone and 2-Ethyl-10- SOV/79-28-7-8/64 Oxanthrone Radioactivated by C¹⁴ in the Ring, and the Investigation of Some of Its Properties

1. Ethyl derivatives--Synthesis 2. Ethyl derivatives--Properties 3. Ethyl derivatives--Radioactivity 4. Carbon isotopes (Radioactive)--Applications

Card 3/3

201/79-28-8-5/66 Determination of Several 2-Sthylanthroquinone Derivatives

anthrone was at 1,4 ± 0,03 V., while that for 2-ethyl-10-oxenthrone was at 1,3 ± 0,03 V. The half-wave potentials of these two compounds in 0,6 mole bromotetramethylammonium and aqueous solution of methyl alcohol containing some benzene were therefore taken to be 1,4 and 1,3 V. (relative to a saturated calomel electrode). It was also found that the height of the waves for 2-ethylanthrone and 2-ethyl-10-oxenthrone are proportional to the concentration (0,001-0,01 molar) of the solution. There are 2 figures, 1 table, and 7 references, 3 of which are Soviet.

SUBMITT D:

June 29, 1957

Oard 2/2

SYAVTSILLO, S.V.

S.V. Syavtsillo, Ye.A. pondarevskaya, A.P. Kreshkov, B.M. Luskina, A.P. Terent yev, V.T. Shemyatenkova, and L.M. Shtifman, "The Analysis Methods of Monomer and Polymer Compounds."

Report presented at the Second All-Union Conference on the Chemistry and Practical Application of Silicon-Organic Compounds held in Leningrad from 25-27 September 1958.

Zhurnal prikladnov khimii, 1959, Nr 1, pp 238-240 (USSR)

SOV/75-14-4-25/30 Bondarevskaya, Ye. A., Syavtsillo, S. V., Potsepkina, R. N. 5(3) Determination of Ethoxyl Groups in Some Organosilicon and Organo-AUTHORS: TITLE: aluminum Compounds Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 4, pp 501-503 PERIODICAL: The authors used for the determination of ethoxyl groups in (USSR) organosilicic and organoaluminum compounds the property of these ABSTRACT:

substances to hydrolyse in the presence of acids or bases. The formed ethyl alcohol can be quantitatively determined according to the conventional methods (Refs 5-9). The weighed-in sample of the substance to be analysed is mixed with a 5% solution of potassium bichromate and sulfuric acid (1:1) and heated for 30 minutes over boiling water with continuous backflow. After cooling a 10%-iodine solution is added and the separated iodine is titrated after 5 minutes with a 0.1 N solution of sodium thiosulfate. A blank test is conducted parallel to the main experiment. The accuracy and the sensitivity of this determination method for different concentrations of ethyl alcohol is listed in table 1. The authors also examined whether the

Card 1/2

Determination of Ethoxyl Groups in Some Organosilicon and Organoaluminum Compounds

SOV/75-14-4-25/30

oxidation of the formed ethyl alcohol in the presence of diphenyl-diethoxy-silane is quantitative. The results are listed in table 2. The results show that the sensitivity of the method is 0.1 - 0.3 % and the accuracy is up to 12% (relative). Table 3 lists the results of several analyses of organosilicon compounds with various ethoxyl group content. The principle of this method was also applied for the determination of admixtures of diethyl ethoxyaluminum in triethyl aluminum. The method had to be somewhat modified as triethyl aluminum oxidizes violently in air. The paper gives a description and an illustration of the apparatus with which the weighed-in sample can be kept in an air-free atmosphere until the end of the hydrolysis. By this method the authors determined the ethoxyl group content in triethoxy aluminum and admixtures of diethyl ethoxy aluminum to triethyl aluminum. Some of the results are listed in table 4. Table 5 compares the results of this method with the results of the determination of ethoxyl groups with hydriodic acid (Ref 3). This comparison shows that both methods yield reproducible results. There are 1 figure, 5 tables, and 9 references, 6 of which are Soviet.

SUBMITTED: Card 2/2

May 19, 1958

5(2) AJTHORS:

Terent'yev, A. P., Luskina, B. M.,

SOV/32-25-3-10/62

Syavtsillo, S. V.

TITLE:

Analysis of Used up Copper-silicon Alloys (Analiz otrabotannykh

kremnemednykh splavov)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 288 - 289

(USSR)

ABSTRACT:

The Cu/Si alloys used according to the synthesis of alkyl- and arylchlorosilanes (up to 20% Cu and 80% Si) consist, after being used up, of free silicon, metallic Cu, and admixtures of carbon and metal chlorides (Ref 1). The determination of C, Cl, Si, Cu, and Fe (from a weighed portion) according to the method of "wet" burning is described. The weighed portion is heated in the oxygen current with concentrated sulphuric acid and chromium oxide. The oxidation products enter a quartz tube heated to 700-750, filled with chromium oxide where a complete decomposition takes place. The chlorine and hydrogen chloride synthesized is absorbed in the hydrazine hydrate. The metals remain in the reaction flask as sulphates. Si, SiO₂, and SiC

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Analysis of Used up Copper-silicon Alloys

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do not dissolve and can be weighed together. Copper is separated from iron by use of sodium sulphide and iodometrically titrated. The remaining iron may be titrated as Fe(II) with potassium bichromate in the presence of diphenylamines. A precise course and the results of analysis (Table) are mentioned. Duration: 2.5 - 3 hours. There are 1 figure, 1 table, and 2 Soviet references.

Jard 2/2

s/191/60/000/003/007/013 B016/B054

AUTHORS:

Shemyatenkova, V. T., Palamarchuk, N. A., Khvoshchevskaya, A. A., Syavtsillo, S. V.

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TITLE:

Control of Production of Organosilicon Liquids and Varnishes. Report I. Analysis of Initial Mixtures of Ethyl- and Phenyl-ethoxy Silanes Used in Organomagnesium

Synthesis

PERIODICAL:

Plasticheskiye massy, 1960, No. 3, pp. 27 - 30

TEXT: The authors report on their rapid and sufficiently accurate method of determining the components of the initial mixture used for the synthesis of 1) ethyl-ethoxy silanes and 2) phenyl-ethoxy silanes. In case 1), it is tetraethoxy silane, ethyl chloride, and toluene (solvent), in case 2), it is tetraethoxy silane, chloro benzene, diethyl ether, and ethyl bromide. The amount of ethyl chloride is determined from the difference before and after its evaporation from the mixture. The remaining tetraethoxy silane and toluene are then determined refractometrically. The ratio between tetraethoxy silane and chloro benzene

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Control of Production of Organosilicon Liquids S/191/60/000/003/007/013 and Varnishes. Report I. Analysis of Initial B016/B054 Mixtures of Ethyl- and Phenyl-ethoxy Silanes Used in Organomagnesium Synthesis

(case 2) can also be determined refractometrically. Small amounts of diethyl ether and ethyl bromide (3.5% each) do not interfere with the determination. In all cases, the authors produced artificial mixtures for experimental purposes, and also studied commercial mixtures. The above-described method is being introduced in industrial test laboratories. A paper by V. L. Anosov (Ref.1) is mentioned. There are 7 tables and 5 Soviet references.

Card 2/2

SHEMTATERKOVA, V.T.; PALAMARCHUK, N.A.; KHVOSHCHEVSKAYA, A.A.;
STAVTSILLO, S.V.

Control of the production of organosilicon liquids and lacquers, Plast, massy no.4:15-17 '60. (MIRA 13:7)

(Silane)

s/191/60/000/005/018/020 B004/B064

AUTHORS:

PERIODICAL:

Terent'yev, A. P., Luskina, B. M., Syavtsillo, S. V.

TITLE:

Determination of the Carbon Content in Silicon - Copper Melts

Plasticheskiye massy, 1960, No. 5, pp. 65-66

TEXT: This paper describes a method of determining the carbon content in silicon - copper melts, used for the synthesis of alkyl- and aryl chloro silanes. After synthesis the melts contain up to 20% C. This carbon content is characteristic of the degree of exploitation of the melt. The following data are given for its determination: weighed portion of the melt 0.1 - 1.5 g, addition of 10 ml of concentrated H2SO4 free from organic im-

purities, addition of 2 - 3 ml of chromic acid, and heating to 150 - 160°C in pure oxygen current (50 - 60 ml/min). The exidation products are heated in a porcelain tube containing chromium oxide on pumice to 700 - 750°C, and subsequently passed through different solutions to absorb their coxponents: hydrazine hydrate brought to pH = 6 with acetic acid (absorption

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Determination of the Carbon Content in Silicon - Copper Melts

S/191/60/000/005/018/020 B004/B064

of chlorine compounds), concentrated sulfuric acid (absorption of water), and a tube filled with Anhydrone and Ascarite, in which CO₂ is adsorbed The analysis takes 30 minutes. N. G. Korovina made a comparison with other methods of analysis, and obtained good agreement. There are 1 figure, 2 tables, and 4 references: 3 Soviet and 1 British.

Card 2/2

SHTIFMAN, L.M.; SYAVTSILLO, S.V.

Determination of hydrochloric acid in organosilicon liquids and lacquers. Plast.massy no.6:71-72 '60. (MIRA 13:11) (Hydrochloric acid) (Silicon organic compounds)